

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW090823\  
 Data File : VW027028.D  
 Acq On : 08 Sep 2023 16:18  
 Operator : SY/MD  
 Sample : 04332-09RE  
 Misc : 1.28g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 C0AD1RE

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM090523SMA.M  
 Title : SFAM01.0

Signal : TIC: VW027028.D\data.ms

| peak<br># | R.T.<br>min | first<br>scan | max<br>scan | last<br>scan | PK<br>TY | peak<br>height | corr.<br>area | corr.<br>% max. | % of<br>total |
|-----------|-------------|---------------|-------------|--------------|----------|----------------|---------------|-----------------|---------------|
| 1         | 3.929       | 333           | 335         | 337          | rBV3     | 3078           | 2672          | 0.15%           | 0.030%        |
| 2         | 4.021       | 341           | 350         | 361          | rBV      | 112553         | 393367        | 22.55%          | 4.365%        |
| 3         | 4.783       | 472           | 475         | 476          | rBV3     | 2192           | 1945          | 0.11%           | 0.022%        |
| 4         | 5.307       | 559           | 561         | 564          | rBV4     | 2208           | 1776          | 0.10%           | 0.020%        |
| 5         | 5.423       | 578           | 580         | 582          | rBV3     | 2588           | 2764          | 0.16%           | 0.031%        |
| 6         | 6.106       | 690           | 692         | 695          | rVB4     | 2716           | 2310          | 0.13%           | 0.026%        |
| 7         | 6.173       | 701           | 703         | 706          | rVV4     | 1571           | 1122          | 0.06%           | 0.012%        |
| 8         | 6.240       | 712           | 714         | 717          | rVB4     | 1782           | 1418          | 0.08%           | 0.016%        |
| 9         | 6.289       | 719           | 722         | 723          | rBV3     | 1941           | 2102          | 0.12%           | 0.023%        |
| 10        | 6.362       | 733           | 734         | 737          | rBV3     | 2725           | 2122          | 0.12%           | 0.024%        |
| 11        | 6.411       | 741           | 742         | 744          | rVB2     | 1734           | 1031          | 0.06%           | 0.011%        |
| 12        | 6.496       | 753           | 756         | 757          | rBV3     | 2235           | 2254          | 0.13%           | 0.025%        |
| 13        | 6.514       | 757           | 759         | 762          | rVV3     | 1830           | 2094          | 0.12%           | 0.023%        |
| 14        | 6.691       | 786           | 788         | 791          | rBV4     | 1819           | 1538          | 0.09%           | 0.017%        |
| 15        | 6.752       | 795           | 798         | 800          | rBV4     | 1949           | 2848          | 0.16%           | 0.032%        |
| 16        | 6.801       | 805           | 806         | 809          | rBV3     | 1588           | 1637          | 0.09%           | 0.018%        |
| 17        | 6.923       | 824           | 826         | 827          | rBV2     | 1570           | 1472          | 0.08%           | 0.016%        |
| 18        | 6.959       | 830           | 832         | 836          | rVV5     | 1858           | 2515          | 0.14%           | 0.028%        |
| 19        | 7.087       | 846           | 853         | 855          | rBV2     | 20765          | 47077         | 2.70%           | 0.522%        |
| 20        | 7.343       | 893           | 895         | 896          | rBV2     | 2057           | 1388          | 0.08%           | 0.015%        |
| 21        | 7.423       | 906           | 908         | 910          | rBV2     | 2585           | 1938          | 0.11%           | 0.022%        |
| 22        | 7.648       | 934           | 945         | 959          | rBV      | 351307         | 831431        | 47.66%          | 9.226%        |
| 23        | 7.874       | 976           | 982         | 983          | rBV6     | 2594           | 3513          | 0.20%           | 0.039%        |
| 24        | 7.990       | 999           | 1001        | 1003         | rBV3     | 1758           | 1595          | 0.09%           | 0.018%        |
| 25        | 8.276       | 1037          | 1048        | 1063         | rBV2     | 572425         | 1744366       | 100.00%         | 19.356%       |
| 26        | 8.453       | 1075          | 1077        | 1079         | rBV3     | 2654           | 2829          | 0.16%           | 0.031%        |
| 27        | 8.514       | 1085          | 1087        | 1089         | rBV3     | 1837           | 1461          | 0.08%           | 0.016%        |
| 28        | 8.557       | 1092          | 1094        | 1095         | rBV2     | 1703           | 1255          | 0.07%           | 0.014%        |
| 29        | 8.611       | 1101          | 1103        | 1104         | rBV2     | 1710           | 1127          | 0.06%           | 0.013%        |
| 30        | 8.739       | 1123          | 1124        | 1129         | rBV5     | 2631           | 3803          | 0.22%           | 0.042%        |
| 31        | 8.843       | 1129          | 1141        | 1150         | rBV      | 688287         | 1343060       | 76.99%          | 14.903%       |
| 32        | 9.276       | 1201          | 1212        | 1221         | rBV      | 439293         | 914035        | 52.40%          | 10.143%       |
| 33        | 9.477       | 1243          | 1245        | 1247         | rVB3     | 2356           | 1583          | 0.09%           | 0.018%        |
| 34        | 9.526       | 1251          | 1253        | 1256         | rBV4     | 2999           | 2534          | 0.15%           | 0.028%        |
| 35        | 9.691       | 1279          | 1280        | 1282         | rBV2     | 2407           | 1467          | 0.08%           | 0.016%        |
| 36        | 9.892       | 1311          | 1313        | 1314         | rBV2     | 3258           | 2319          | 0.13%           | 0.026%        |

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 ClientSampleId :  
 C0AD1RE

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM090523SMA.M  
 Title : SFAM01.0

|    |        |      |      |      |      |        |         |        |         |
|----|--------|------|------|------|------|--------|---------|--------|---------|
| 37 | 10.032 | 1331 | 1336 | 1346 | rVB2 | 36395  | 71374   | 4.09%  | 0.792%  |
| 38 | 10.111 | 1346 | 1349 | 1350 | rBV3 | 3644   | 4245    | 0.24%  | 0.047%  |
| 39 | 10.233 | 1367 | 1369 | 1370 | rVB2 | 2370   | 1263    | 0.07%  | 0.014%  |
| 40 | 10.258 | 1370 | 1373 | 1374 | rBV3 | 2910   | 2625    | 0.15%  | 0.029%  |
| 41 | 10.325 | 1377 | 1384 | 1391 | rVV  | 585013 | 1018028 | 58.36% | 11.297% |
| 42 | 10.507 | 1412 | 1414 | 1418 | rBV5 | 2053   | 2615    | 0.15%  | 0.029%  |
| 43 | 10.581 | 1420 | 1426 | 1434 | rVV  | 34803  | 62704   | 3.59%  | 0.696%  |
| 44 | 10.696 | 1440 | 1445 | 1451 | rBV3 | 8036   | 16581   | 0.95%  | 0.184%  |
| 45 | 10.928 | 1479 | 1483 | 1488 | rVB3 | 10395  | 16271   | 0.93%  | 0.181%  |
| 46 | 11.312 | 1544 | 1546 | 1548 | rBV3 | 2139   | 1348    | 0.08%  | 0.015%  |
| 47 | 11.373 | 1554 | 1556 | 1557 | rBV2 | 1992   | 1764    | 0.10%  | 0.020%  |
| 48 | 11.501 | 1572 | 1577 | 1580 | rBV7 | 2448   | 3952    | 0.23%  | 0.044%  |
| 49 | 11.629 | 1590 | 1598 | 1607 | rBV  | 670307 | 1109546 | 63.61% | 12.312% |
| 50 | 11.812 | 1623 | 1628 | 1629 | rBV4 | 1833   | 3031    | 0.17%  | 0.034%  |
| 51 | 11.904 | 1642 | 1643 | 1646 | rBV3 | 1906   | 1964    | 0.11%  | 0.022%  |
| 52 | 11.958 | 1651 | 1652 | 1653 | rBV  | 2218   | 1102    | 0.06%  | 0.012%  |
| 53 | 12.013 | 1659 | 1661 | 1664 | rBV4 | 2449   | 1956    | 0.11%  | 0.022%  |
| 54 | 12.068 | 1668 | 1670 | 1672 | rBV3 | 1302   | 1065    | 0.06%  | 0.012%  |
| 55 | 12.221 | 1693 | 1695 | 1697 | rBV3 | 2134   | 1952    | 0.11%  | 0.022%  |
| 56 | 12.245 | 1697 | 1699 | 1700 | rVV2 | 1754   | 1036    | 0.06%  | 0.011%  |
| 57 | 12.288 | 1700 | 1706 | 1708 | rVV6 | 2180   | 4510    | 0.26%  | 0.050%  |
| 58 | 12.330 | 1711 | 1713 | 1715 | rBV3 | 1535   | 1264    | 0.07%  | 0.014%  |
| 59 | 12.367 | 1715 | 1719 | 1723 | rBV7 | 2347   | 3424    | 0.20%  | 0.038%  |
| 60 | 12.458 | 1733 | 1734 | 1740 | rVB6 | 2217   | 3400    | 0.19%  | 0.038%  |
| 61 | 12.605 | 1753 | 1758 | 1765 | rVV2 | 12829  | 25187   | 1.44%  | 0.279%  |
| 62 | 12.690 | 1765 | 1772 | 1783 | rVV  | 253967 | 399975  | 22.93% | 4.438%  |
| 63 | 12.879 | 1802 | 1803 | 1804 | rBV  | 1845   | 1039    | 0.06%  | 0.012%  |
| 64 | 12.928 | 1810 | 1811 | 1813 | rBV2 | 2804   | 2482    | 0.14%  | 0.028%  |
| 65 | 13.007 | 1820 | 1824 | 1825 | rBV4 | 2192   | 3026    | 0.17%  | 0.034%  |
| 66 | 13.153 | 1847 | 1848 | 1850 | rVB2 | 1949   | 1193    | 0.07%  | 0.013%  |
| 67 | 13.172 | 1850 | 1851 | 1855 | rBV4 | 1403   | 1773    | 0.10%  | 0.020%  |
| 68 | 13.208 | 1855 | 1857 | 1858 | rBV2 | 3363   | 2393    | 0.14%  | 0.027%  |
| 69 | 13.342 | 1877 | 1879 | 1881 | rVB3 | 3381   | 2660    | 0.15%  | 0.030%  |
| 70 | 13.373 | 1881 | 1884 | 1885 | rBV3 | 2758   | 2883    | 0.17%  | 0.032%  |
| 71 | 13.556 | 1908 | 1914 | 1923 | rVV  | 297477 | 476350  | 27.31% | 5.286%  |
| 72 | 13.647 | 1926 | 1929 | 1931 | rBV4 | 2789   | 2933    | 0.17%  | 0.033%  |
| 73 | 13.848 | 1956 | 1962 | 1969 | rBV  | 198546 | 335250  | 19.22% | 3.720%  |
| 74 | 13.940 | 1975 | 1977 | 1978 | rBV2 | 2428   | 1627    | 0.09%  | 0.018%  |
| 75 | 13.989 | 1984 | 1985 | 1987 | rBV2 | 1930   | 1354    | 0.08%  | 0.015%  |
| 76 | 14.062 | 1992 | 1997 | 2002 | rVB  | 10295  | 16828   | 0.96%  | 0.187%  |

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Instrument :  
 MSVOA\_W  
 ClientSampleId :  
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Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM090523SMA.M  
 Title : SFAM01.0

|     |        |      |      |      |      |       |       |       |        |
|-----|--------|------|------|------|------|-------|-------|-------|--------|
| 77  | 14.171 | 2014 | 2015 | 2017 | rBV2 | 1512  | 1005  | 0.06% | 0.011% |
| 78  | 14.196 | 2017 | 2019 | 2020 | rVV2 | 1574  | 1017  | 0.06% | 0.011% |
| 79  | 14.226 | 2023 | 2024 | 2026 | rVB2 | 3180  | 1785  | 0.10% | 0.020% |
| 80  | 14.245 | 2026 | 2027 | 2029 | rBV2 | 1998  | 1610  | 0.09% | 0.018% |
| 81  | 14.360 | 2042 | 2046 | 2047 | rVB4 | 2462  | 2634  | 0.15% | 0.029% |
| 82  | 14.507 | 2069 | 2070 | 2074 | rVB4 | 2245  | 2455  | 0.14% | 0.027% |
| 83  | 14.562 | 2076 | 2079 | 2080 | rBV3 | 1777  | 1794  | 0.10% | 0.020% |
| 84  | 14.580 | 2080 | 2082 | 2085 | rBV4 | 2153  | 2163  | 0.12% | 0.024% |
| 85  | 14.610 | 2085 | 2087 | 2089 | rBV3 | 2249  | 1591  | 0.09% | 0.018% |
| 86  | 14.653 | 2093 | 2094 | 2096 | rBV2 | 1265  | 1024  | 0.06% | 0.011% |
| 87  | 14.915 | 2134 | 2137 | 2138 | rBV2 | 1880  | 2116  | 0.12% | 0.023% |
| 88  | 14.982 | 2147 | 2148 | 2151 | rBV3 | 2077  | 1328  | 0.08% | 0.015% |
| 89  | 15.007 | 2151 | 2152 | 2154 | rBV2 | 2780  | 2451  | 0.14% | 0.027% |
| 90  | 15.031 | 2154 | 2156 | 2158 | rVV3 | 2438  | 2113  | 0.12% | 0.023% |
| 91  | 15.062 | 2158 | 2161 | 2163 | rVV4 | 2818  | 2796  | 0.16% | 0.031% |
| 92  | 15.110 | 2167 | 2169 | 2170 | rVB2 | 2285  | 1297  | 0.07% | 0.014% |
| 93  | 15.135 | 2170 | 2173 | 2174 | rBV3 | 2519  | 2023  | 0.12% | 0.022% |
| 94  | 15.208 | 2180 | 2185 | 2186 | rBV5 | 2142  | 2920  | 0.17% | 0.032% |
| 95  | 15.427 | 2217 | 2221 | 2227 | rVB2 | 11557 | 16856 | 0.97% | 0.187% |
| 96  | 15.647 | 2255 | 2257 | 2258 | rBV2 | 2450  | 1739  | 0.10% | 0.019% |
| 97  | 15.933 | 2301 | 2304 | 2308 | rBV6 | 3878  | 5734  | 0.33% | 0.064% |
| 98  | 16.037 | 2319 | 2321 | 2323 | rBV3 | 1849  | 1436  | 0.08% | 0.016% |
| 99  | 16.232 | 2351 | 2353 | 2356 | rBV4 | 1691  | 1924  | 0.11% | 0.021% |
| 100 | 16.342 | 2369 | 2371 | 2375 | rVB5 | 2778  | 2254  | 0.13% | 0.025% |

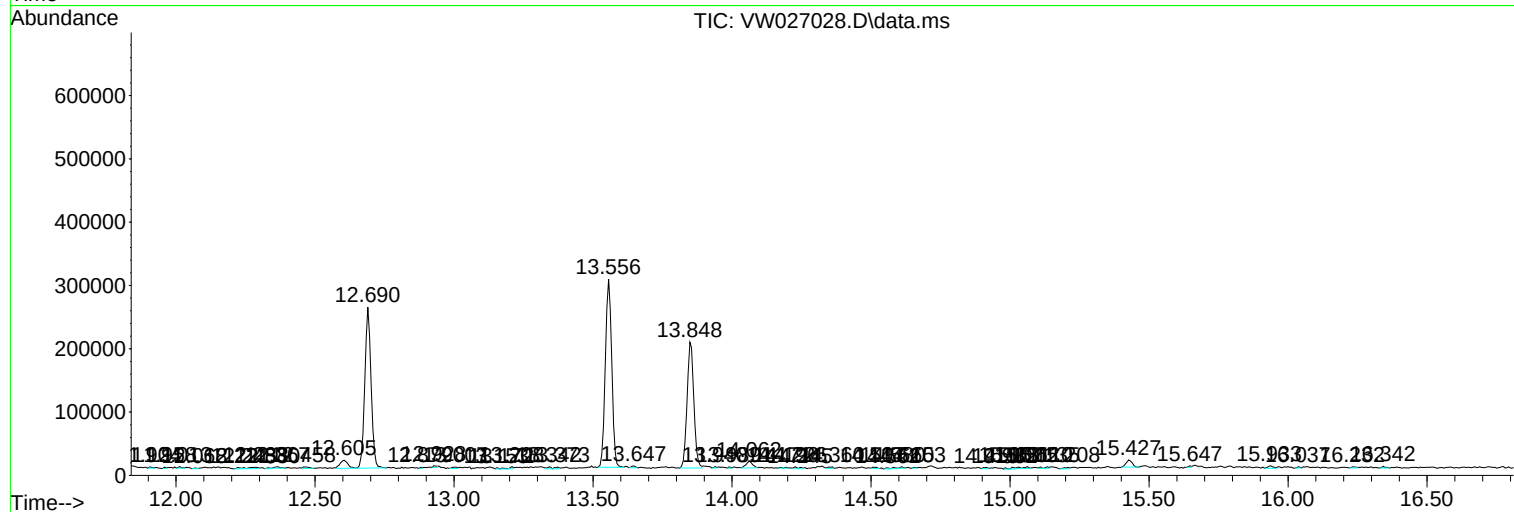
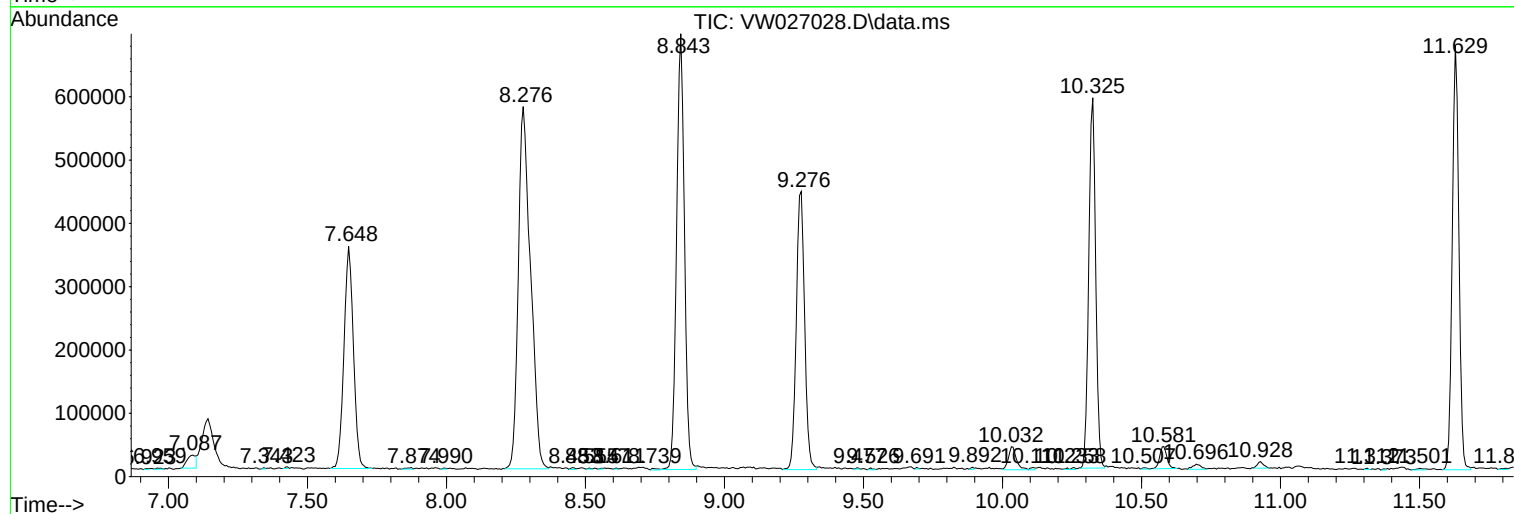
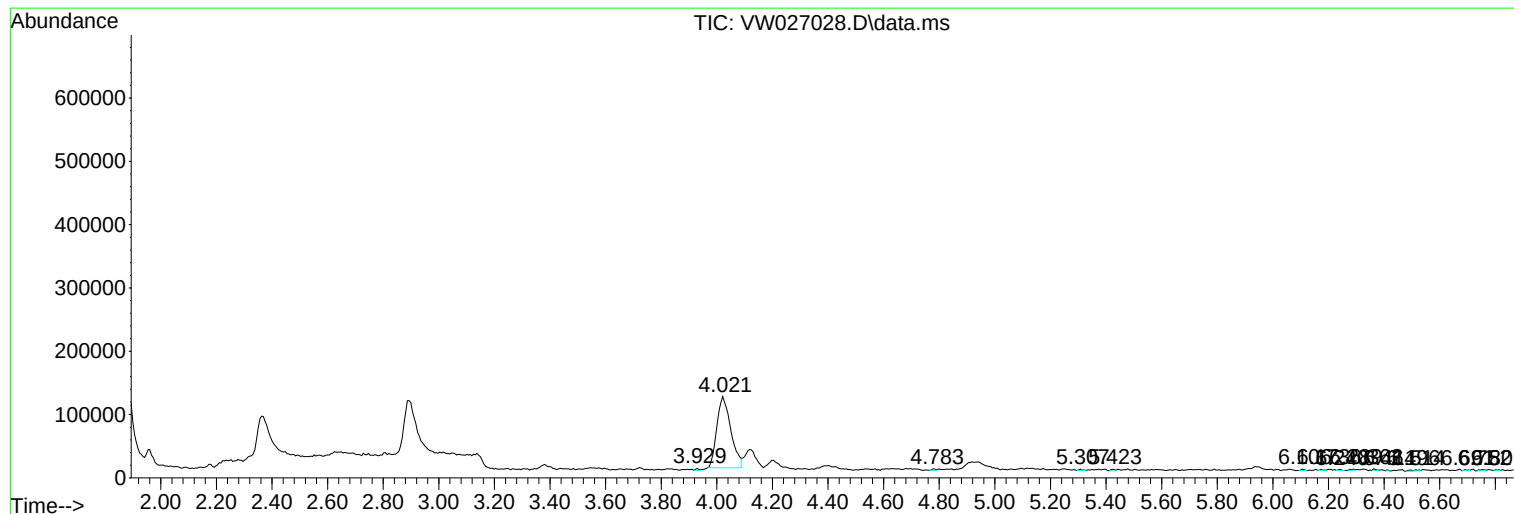
Sum of corrected areas: 9011806

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM090523SMA.M  
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW090823\  
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM090523SMA.M  
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TIC Library : C:\Database\NIST20.L  
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No Library Search Compounds Detected

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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
|------------------|----|---------|-------|----------|---|----|------|------|
|------------------|----|---------|-------|----------|---|----|------|------|